



# NITFS Compliance Registration



**Product:** End Processing Environment (FPE) Version 6.2 for the production of

**Controlled Image Base (CIB)**

**Sponsor:** National Imagery and Mapping Agency (NIMA)

**Date of:** 21 February 2003

**Expiration:** 20 February 2005

**Registration #:** 337

**Developer:** Aerospace Engineering (BAE)

☒ Initial Registration

Supplemental/Update # \_\_\_\_\_

☐ Derived from Reg. # \_\_\_\_\_

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

#### NITF

☐ v2.1

☒ v2.0

☐ v1.1

#### NSIF

☐ v1.0

### Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NO DISPLAY

☐ POLAR

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☒ Registered Extensions \*\*

### Tagged Record Extensions

☒ FHDR

☒ FIMG

☒ FDES

### Complexity Level

NITF 2.1 CLEVEL

3 5 6 7

Interpret

Generate

NITF 2.0 CLEVEL

1 2 3 4 5 6 Oth

Interpret

Generate

## Configurations Tested:

-Sun Enterprise Network, Solaris 8

### Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels \*\*

### Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

### Image Compression

☐ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bit Level

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

EDWARD E. BOYLES, Acting Division Chief

Joint Interoperability Test Command

Executive Agent to National Imagery & Mapping Agency

for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.